

31 JAN 2005

100523450

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

PCT

To  
JOSEPH S. TRIPOLI  
THOMSON MULTIMEDIA LICENSING INC.  
P.O. BOX 5312  
PRINCETON, NEW JERSEY 08540

NOTIFICATION OF THE INTERNATIONAL  
APPLICATION NUMBER AND OF THE  
INTERNATIONAL FILING DATE

(PCT Rule 20.5(c))

Date of mailing  
(day month year) 20 Aug 2002

Applicant's or agent's file reference  
PU020353

IMPORTANT NOTIFICATION

International application No.  
PCT/US02/24263

International filing date (day month year)  
31 Jul 2002

Priority date (day month year)

Applicant

THOMSON LICENSING S.A

Title of the invention

METHOD AND APPARATUS FOR EXTRACTING THE PHASE OF AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING  
(OFDM) SIGNAL SAMPLE

1. The applicant is hereby notified that the international application has been accorded the international application number and the international filing date indicated above.

2. The applicant is further notified that the record copy of the international application:



was transmitted to the International Bureau on

20 Aug 2002



has not yet been transmitted to the International Bureau for the reason indicated below and a copy of this notification has been sent to the International Bureau\*:



because the necessary national security clearance has not yet been obtained.



because (reason to be specified):

\* The International Bureau monitors the transmittal of the record copy by the receiving Office and will notify the applicant (with Form PCT/IB/301) of its receipt. Should the record copy not have been received by the expiration of 14 months from the priority date, the International Bureau will notify the applicant (Rule 22.1(c)).

3 FOREIGN TRANSMITTAL LICENSE INFORMATION

Completed by: ES



Additional license for foreign transmittal not required. This subject matter is covered by a license already granted or the equivalent U.S. national application. Refer to that license for information concerning its scope.



License for foreign transmittal not required. 37 CFR 5.11(e)(1) or 37 CFR 5.11(e)(2). However, a license may be required for additional subject matter. See 37 CFR 5.15(b).



Foreign transmittal license granted. 35 U.S.C. 184; 37 CFR 5.11 on

15 Aug 2002

(date)



37 CFR 5.15(a)



37 CFR 5.15(b)

Name and mailing address of the receiving Office

Assistant Commissioner for Patent, Box PCT  
Washington, D.C. 20231 Attn:RO/US

Facsimile No. 703-305-3230

Authorized officer

Eric Simms

Telephone No. 703-305-3761

# PATENT COOPERATION TREATY

From the RECEIVING OFFICE

# PCT

To:  
JOSEPH S. TRIPOLI  
THOMSON MULTIMEDIA LICENSING INC.  
P.O. BOX 5312  
PRINCETON, NEW JERSEY 08540

## INVITATION TO CORRECT DEFECTS IN THE INTERNATIONAL APPLICATION

(PCT Articles 3(4)(i) and 14(1) and Rule 26)

Applicant's or agent's file reference <p style="text-align: center;">PU020353</p>	Date of mailing <i>(day month year)</i> <p style="text-align: right;">20 Aug 2002</p>
International application No. <p style="text-align: center;">PCT/US02/24263</p>	REPLY DUE within <u>1</u> months / days from the above date of mailing  International filing date <i>(day month year)</i> <p style="text-align: right;">31 Jul 2002</p>
Applicant: THOMSON LICENSING S.A	

1. The applicant is hereby **invited**, within the time limit indicated above, to correct the defects in the international application as filed, the defects specified on the attached
- ☒ Annex A  
☐ Annex B1 *(text matter of the international application as filed)*  
☐ Annex C1 *(drawings of the international application as filed)*

2. The applicant is hereby **invited**, within the time limit indicated above, to correct the defects in the translation of the international application furnished under Rule 12.3, the defects specified on the attached
- ☐ Annex A  
☐ Annex B2 *(text matter of the translation of the international application)*  
☐ Annex C2 *(drawings of the translation of the international application)*

Additional observations (if necessary):

### HOW TO CORRECT THE DEFECTS?

Correction must be submitted by filing a replacement sheet embodying the correction and a letter accompanying the replacement sheet, which shall draw attention to the difference between the replaced sheet and the replacement sheet. A correction may be stated in a letter only if it is of such a nature that it can be transferred from the letter to the record copy without adversely affecting the clarity and direct reproducibility of the sheet onto which the correction is to be transferred (Rule 26.4(a)).

### ATTENTION

Failure to correct the defects will result in the international application being considered withdrawn by this receiving Office (see Rule 26.5 for further details).

A copy of this invitation and any attachments has been sent to the International Bureau  
☒ and the International Searching Authority.

Name and mailing address of the receiving Office Assistant Commissioner for Patent, Box PCT Washington, D.C. 20231 Attn:RO/US	Authorized officer Eric Simms
Facsimile No. 703-305-3230	Telephone No. 703-305-3761

## The receiving Office has found the following defects in the international application as filed:

## 1. As to signature\* of the international application (Rules 4.15 and 90.4), the request:

- a. ☐ is not signed.
- b. ☐ is not signed by all applicants.
- c. ☐ is not accompanied by the statement referred to in the check list in Box No. VIII of the request explaining the lack of the signature of an applicant for the designation of the United States of America.
- d. ☒ is signed by what appears to be an agent common representative but  
☐ the international application is not accompanied by a power of attorney appointing him.  
☒ the power of attorney accompanying the international application was not signed by all the applicants.
- e. ☐ other (specify):

\* All applicants must sign, including inventors if they are also applicants (e.g. where the United States of America is designated).

## 2. As to indications concerning the applicant, the request (Rules 4.4 and 4.5):

- a. ☐ does not properly indicate the applicant's name (specify):
- b. ☐ does not indicate the applicant's address.
- c. ☒ does not properly indicate the applicant's address (specify):
- d. ☐ does not indicate the applicant's nationality.
- e. ☐ does not indicate the applicant's residence.
- f. ☐ other (specify):

3. As to the language of certain elements of the international application, other than the description and claims (Rules 12.1(c) and 26.3 *inter alia* and *et seq.*):

- a. ☐ the request is not in a language which is both a language accepted by this receiving Office and a language of publication, which is (are):
- b. ☐ the text matter of the drawings is not in the language in which the international application is to be published, which is:
- c. ☐ the abstract is not in the language in which the international application is to be published, which is:

## 4. The title of the invention:

- a. ☐ is not indicated in Box No. I of the request (Rule 4.1(a)).
- b. ☐ is not indicated at the top of the first sheet of the description (Rule 5.1(a)).
- c. ☐ as appearing in Box No. I of the request is not identical with the title heading the description (Rule 5.1(a)).

## 5. As to the abstract (Rule 8):

- ☐ the international application does not contain an abstract.

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

## PCT

NOTIFICATION OF RECEIPT  
OF SEARCH COPY

(PCT Rule 25.1)

<b>To:</b> JOSEPH S. TRIPOLI THOMSON MULTIMEDIA LICENSING INC. P.O. BOX 5312 PRINCETON, NEW JERSEY 08540		<b>Date of mailing</b> <i>(day-month-year)</i>		20 Aug 2002
Applicant's or agent's file reference <b>PU020353</b>		<b>IMPORTANT NOTIFICATION</b>		
International application No. <b>PCT/US02/24263</b>	International filing date <i>(day-month-year)</i> <b>31 Jul 2002</b>	Priority date <i>(day-month-year)</i>		
Applicant: <b>THOMSON LICENSING S.A</b>				

**1. Where the International Searching Authority and the receiving Office are not the same Office:**  
 The applicant is hereby notified that the search copy of the international application was received by this International Searching Authority on the date indicated below.

**Where the International Searching Authority and the receiving Office are the same Office:**  
 The applicant is hereby notified that the search copy of the international application was received on the date indicated below.  

20 Aug 2002 *(date of receipt)*

**2. ☐ The search copy was accompanied by a nucleotide and/or amino acid sequence listing in computer readable form.**

**3. Time limit for establishment of international search report**  
 The applicant is informed that the time limit for establishing the international search report is 3 months from the date of receipt indicated above or 9 months from the priority date, whichever time limit expires later.

**4. A copy of this notification has been sent to the International Bureau and, where the first sentence of paragraph 1 applies, to the receiving Office.**

Name and mailing address of the ISA: Assistant Commissioner for Patent, Box PCT Washington, D.C. 20231 Attn: RO/US Facsimile No. 703-305-3230	Authorized officer <b>Eric Simms</b> Telephone No. 703-305-3761
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UNITED STATES RECEIVING OFFICE(RO/US) FEE CODING AND RECORDING SHEET										<input type="checkbox"/> ADD'L SHEETS	
<b>IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>											
INTERNATIONAL APPLICATION NUMBER						INTERNATIONAL FILING DATE					
APPLICANT (Name)											
<b>PAYMENTS</b>								<b>REFUNDS</b>			
Payment on Filing				Deposit Account		Deposit Account		To Deposit Account		To Deposit Account	
Deposit Account				DATE:		DATE:		DATE:		DATE:	
<input type="checkbox"/> CASH/CHECK				<input type="checkbox"/> CASH/CHECK		<input type="checkbox"/> CASH/CHECK		<input type="checkbox"/> BY CHECK		<input type="checkbox"/> BY CHECK	
150								159			
151											
153											
800											
801											
802											
899											
566				Total Paid:		Total Paid:		Total Paid:		Total Refunded:	
159											
States Included for 892:				892:		892:					
States Included for 893:				893:		893:					
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> 05/06/2002 01 FC:150 02 FC:151 03 FC:800 04 FC:899 </div> <div style="width: 85%;"> LANDGRA 00000019 070832 PCT/US02/24263   240.00 CH  700.00 CH  407.00 CH  440.00 CH </div> </div>											
RO/US Authorization				RO/US Authorization		RO/US Authorization		RO/US Authorization		RO/US Authorization	

# TRANSMITTAL LETTER TO THE UNITED STATES RECEIVING OFFICE

PTO-1382 (Rev. 4-1995) (Modified)

PCTUS2.FRP /REV03

Date	JULY 31, 2002
International Application No.	02/24263
Attorney Docket No.	PU020353

DT05 Rec'd PCT/PTO 31 JUL 2002

## I. Certification under 37 CFR 1.10 (if applicable)

EL 801814374 US
Express Mail mailing number

JULY 31, 2002
Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

Anelia F. Urban
Signature of person mailing correspondence

Anelia F. Urban
Typed or printed name of person mailing correspondence

## II. ☒ New International Application

TITLE	METHOD AND APPARATUS FOR EXTRACTING THE PHASE OF AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SIGNAL SAMPLE
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Earliest priority date (Day/Month/Year)
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**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was **not** made in the United States.
- B. ☒ There is no prior U.S. application relating to this invention.
- C. ☐ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority).

application no.		filed on	
application no.		filed on	

- D. ☐ The present international application ☐ is identical ☐ contains less subject matter than that found in the prior U.S. application(s) identified in paragraph C.
- E. ☐ The present international application ☐ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages  and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

## III. ☐ A Response to an Invitation from the RO/US. The following document(s) is (are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response
- B. ☐ A Power of Attorney (General or Regular)
- C. ☐ Replacement pages:

pages		of the request (PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

- D. ☐ Submission of Priority Documents

Priority document		Priority document	
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- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

## IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

## V. ☐ Other (please specify):

The person signing this form is the:

<input type="checkbox"/> Applicant
<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.) 26,932
<input type="checkbox"/> Common Representative

RONALD H. KURDYLA

Typed name of signer

Signature

U.S. Department of Commerce: Patent and Trademark Office

<b>TO:</b> JOSEPH S. TRIPOLI THOMSON MULTIMEDIA LICENSING INC. P.O. BOX 5312 PRINCETON, NEW JERSEY 08540	<b>UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)</b>  <b>NOTIFICATION OF STATUS OF REQUIREMENTS UNDER 35 U.S.C. 371</b>
	DATE OF MAILING <i>(day/month/year)</i> <div style="text-align: right;">20 Aug 2002</div>
	FILE REFERENCE <div style="text-align: right;">PU020353</div>
<b>IDENTIFICATION OF INTERNATIONAL APPLICATION</b>	
International application No. <div style="text-align: center;">PCT/US02/24263</div>	International filing date <i>(day/month/year)</i> <div style="text-align: center;">31 Jul 2002</div>
Priority Date Claimed	
Applicant for DO/EO/US <div style="text-align: center;">BELOTSEKOVSKY, MAXIM BORISOVICH</div>	
<b>NOTIFICATION</b>	
<p>The applicant is hereby advised that the U.S. Patent and Trademark Office in its capacity as <input checked="" type="checkbox"/> Designated Office <input type="checkbox"/> Elected Office has received following items as of the date of mailing indicated above.</p> <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> U.S. Nation fee [35 U.S.C 371 (c) (1)]</li> <li>2. <input type="checkbox"/> Oath of declaration [35 U.S.C 371 (c) (4)]</li> <li>3. <input checked="" type="checkbox"/> Copy of International application as [35 U.S.C 371 (c) (2)]</li> <li>4. <input type="checkbox"/> Translation of Application [35 U.S.C 371 (c) (2)]</li> <li>5. <input type="checkbox"/> Amendments under PCT Article 19 [35 U.S.C 371 (c) (3)]</li> <li>6. <input type="checkbox"/> Translation of PCT Article 19 Amendments [35 U.S.C 371 (c) (3)]</li> <li>7. <input type="checkbox"/> Search Report or Declaration under PCT Article 17(2) [35 U.S.C 371 (a)]</li> <li>8. <input type="checkbox"/> International Preliminary Examination Report and its Annexes, if any, under PCT Article 36(3)(b) [35 U.S.C 371 (a)]</li> <li>9. <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report under PCT Article 36(3)(b) [35 U.S.C 371 (c) (5)]</li> <li>10. <input type="checkbox"/> Other items received:           <div style="margin-left: 20px;"> <input type="checkbox"/> Assignment Document      <input type="checkbox"/> Prior Art Statement      <input type="checkbox"/> Preliminary Amendment           </div> </li> </ol> <p>A. <input type="checkbox"/> Requirements for U.S. National processing have been met. Processing will commence</p> <div style="margin-left: 20px;"> <input type="checkbox"/> at the expiration of the applicable time limit under either  <input type="checkbox"/> PCT Article 22 [35 U.S.C 371 (b)] or  <input type="checkbox"/> PCT Article 39 [35 U.S.C 371 (b)]  <input type="checkbox"/> on the date indicated below under the provisions of 35 U.S.C 371 (f)         </div>	
_____ U.S. NATIONAL SERIAL#	_____ DATE UNDER 35 U.S.C. 102(e)
_____ DATE OF COMMENCEMENT OF NATIONAL PROCESSING	
<p><i>All correspondence submitted after the date of commencement of U.S. National processing indicated above should refer to the U.S. National Serial Number and the appropriate U.S. National processing organization of Officer.</i></p> <p>B. <input type="checkbox"/> As the above identified application has been accepted for U.S. National processing under the provision of 35 U.S.C. 371 (f) before expiration of the applicable time limit under <input type="checkbox"/> PCT Article 22 <input type="checkbox"/> PCT Article 39, applicant is reminded that</p> <div style="margin-left: 20px;"> <input type="checkbox"/> Amendments under PCT Article 19 and/or  <input type="checkbox"/> the International Preliminary Examination Report and its Annexes, if any, under PCT Article 36(3) (a), and (b) and any translation thereof, if applicable, must be submitted to the Patent and Trademark Office as soon as they are available.         </div>	

International application No. PCT/US02/24263	International filing date 31 Jul 2002	Priority Date Claimed
<p>C. <input checked="" type="checkbox"/> In order that U.S. National processing may begin, certain items must be received by the DO/EO/US by the expiration of applicable time limit under</p> <p><input checked="" type="checkbox"/> PCT Article 22 or</p> <p><input checked="" type="checkbox"/> PCT Article 39.</p> <p>Specifically:</p> <p><input checked="" type="checkbox"/> 1. U.S. National Fee</p> <p><input checked="" type="checkbox"/> 2. Oath or Declaration</p> <p><input type="checkbox"/> 3. Copy of Application</p> <p><input type="checkbox"/> 4. Translation of application</p> <p><input checked="" type="checkbox"/> 5. Amendments under PCT Article 19, if any</p> <p><input type="checkbox"/> 6. Translation of PCT Article 19 Amendments, if applicable</p> <p><input type="checkbox"/> 7. Search Report or PCT Article 17(2) declaration</p> <p><input type="checkbox"/> 8. International Preliminary Examination Report and its Annexes, if any, under PCT Article 36(3)(a), if applicable</p> <p><input type="checkbox"/> 9. Translation of Annexs to the International Preliminary Examination Report under PCT Article 36(3)(b), if applicable</p> <p><b>THE ABOVE CHECK ITEMS MUST BE TIMELY RECEIVED TO AVOID ABANDONMENT OF THE APPLICATION.</b>  <b>[35. U.S.C. 371(d)]</b></p> <p>D. Further information for the applicant:</p> <p style="text-align: center;">This is only a reminder.</p>		
UNITED STATES DESIGNATED/ELECTED OFFICE		
Address Only: Assistant Commissioner for Patent, Box PCT Washington, D.C. 20231 Attn:RO/US	Authorized Officer Eric Simms 703-305-3761	0



PCT  
New International Application  
Inventory of Unscannable or Missing  
Items

Serial Number **112/24263**

Check This Column if Item Is Present	Item	Check This Column if Item Is Missing on Filing
<input checked="" type="checkbox"/>	Return Receipt Postcard	
	Check (amount \$ _____)	<input checked="" type="checkbox"/>
	PCT EASY Diskette	
	DNA Diskette	
	Exhibit	
<input checked="" type="checkbox"/>	Express Mail Label or Envelope	
	Applicant Supplied Priority Document	
	Other (specify)	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX
XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX	Cover Letter	
	Other (specify)	